I hereby certify that this correspondence is being filed via
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on ___Mc__ 3, 2007_____.

TOWNSEND and TOWNSEND and CREW LLP

By:_____
      Anna C. Kundel

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:	Confirmation No.: 7672
Karl F. JOHNSON et al.	Examiner:
Application No.: 10/585,440	Art Unit:
Filed:	RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS
For: VECTORS FOR RECOMBINANT PROTEIN EXPRESSION IN E. COLI	REQUEST FOR A SUBSTITUTE CRF COPY OF SEQUENCE LISTING
Customer No.: 20350	

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

The *Notification of Missing Requirements Under 35 U.S.C. 371 in the DO/EO/US*, dated March 9, 2007, requests a substitute computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in the CRF is identical to the written sequence listing and includes no new matter. However, the undersigned asserts that the request is erroneous and the Raw Sequence Listing submitted with the application has been entered.

The undersigned submits herewith a copy of the Raw Sequence Listing as entered and processed by the Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) on July 17, 2006. The entry indicates that no errors were detected.

The Commissioner is hereby authorized to charge any additional fees associated

with this paper or during the pendency of this application, or credit any overpayment, to Deposit

Account No. 20-1430.

Respectfully submitted,

Beth L. Kelly
Reg. No. 51,868

Customer No. 20350

TOWNSEND and TOWNSEND and CREW LLP
Two Embarcadero Center, Eighth Floor
San Francisco, California 94111-3834
Tel: 415-576-0200
Fax: 415 576-0300
BLK:ack

61047987 v1

PCT OPERATIONS
UNITED STATES PATENT AND TRADEMARK OFFICE

PCT OPERATIONS

FACSIMILE TRANSMISSION COVER SHEET

DATE: _3-23-2007_

TO: _Mr. Aaron Hokamura_

TELEPHONE: _____
FAX NO.: _1-415- 576-1300_

FROM: _Debbie Williams_

TELEPHONE: _703 308 9140 H305_
FAX NO.: 703-305-3230 OR 703-308-4785

MESSAGE:

_____
_____
_____

NUMBER OF PAGES _8_ (INCLUDING THIS PAGE)

<u>RAW SEQUENCE LISTING</u>

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: _10/585,440_
Source: _Jfup_
Date Processed by STIC: _7-17-06_

ENTERED

IFWP

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PATENT APPLICATION: US/10/585,440   TIME: 11:07:33

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 6       Ngo, Winnie
 7       Hakes, David
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10       EXPRESSION IN E. COLI
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VERIFICATION SUMMARY   DATE: 07/17/2006
PATENT APPLICATION: US/10/585,440   TIME: 11:07:34

Input Set : A:\019957-020210US.txt
Output Set: N:\CRF4\07172006\J585440.raw

J:14 M:270 C: Current Application Number differs, Replaced Current Application No
J:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date